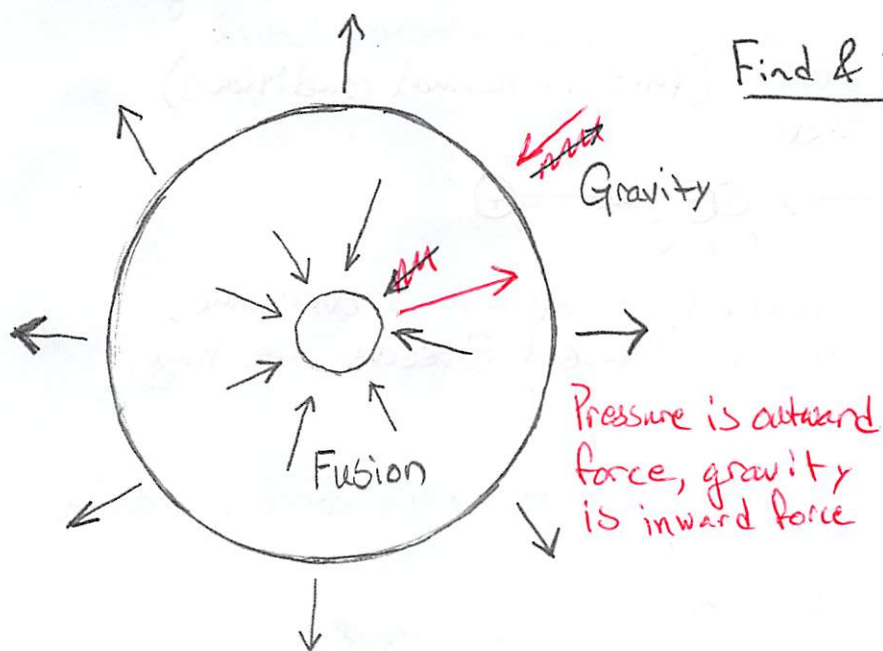


Name(s):

Date:

Period: Key

# The Sun/Stellar Properties/Stellar Evolution



Find & Fix Fig. 1 & 3

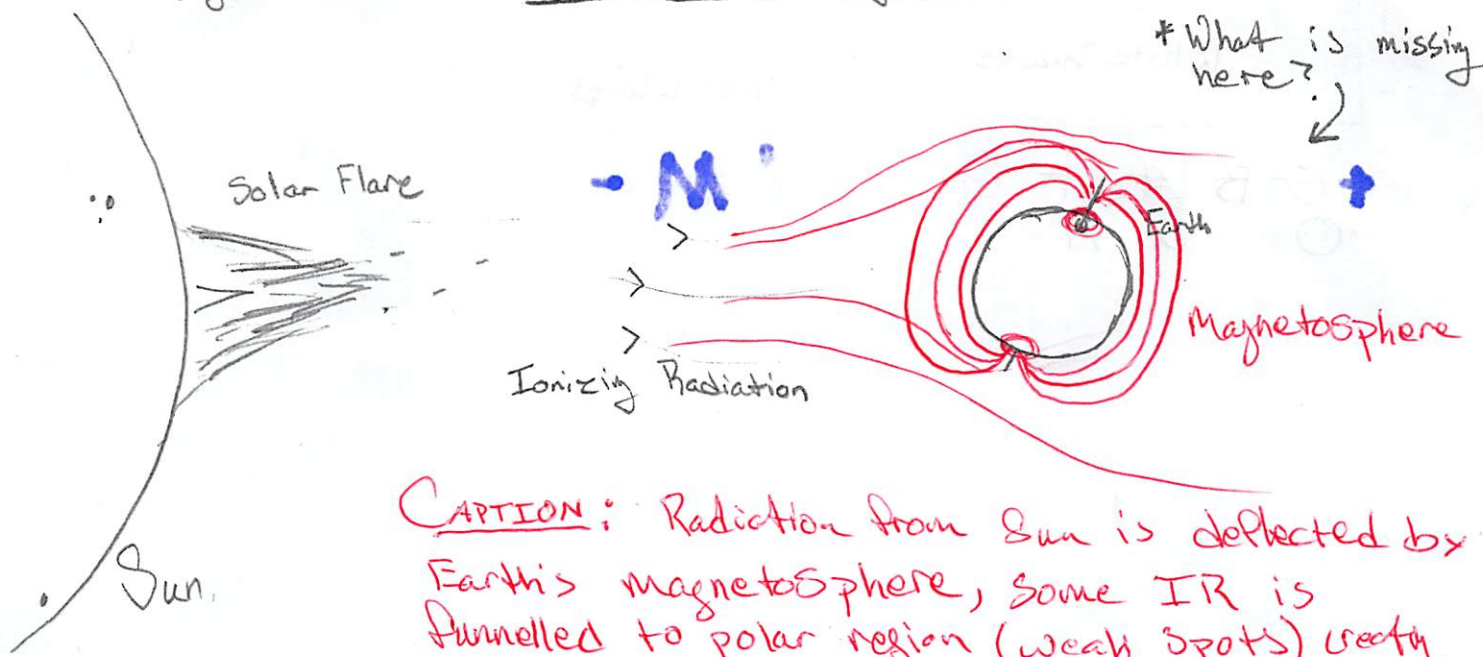


Fig 3: The visible surface of the Sun appears granulated due to ~~Sun Spot activity~~ convection beneath the photosphere.

Fig. 1: Stars exist as a balance between gravity and pressure forces.

Fig. 2

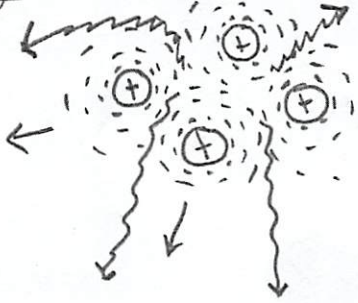
Complete the diagram:



CAPTION: Radiation from Sun is deflected by Earth's magnetosphere, some IR is funnelled to polar region (weak spots) creating the aurora.

## Find & Fix

Fig. 4: Nuclear Fusion - Rapidly moving protons bounce away from each other due to electrical repulsion of like charges. Energy is created as the particles bounce off each other. (this is normal conditions)

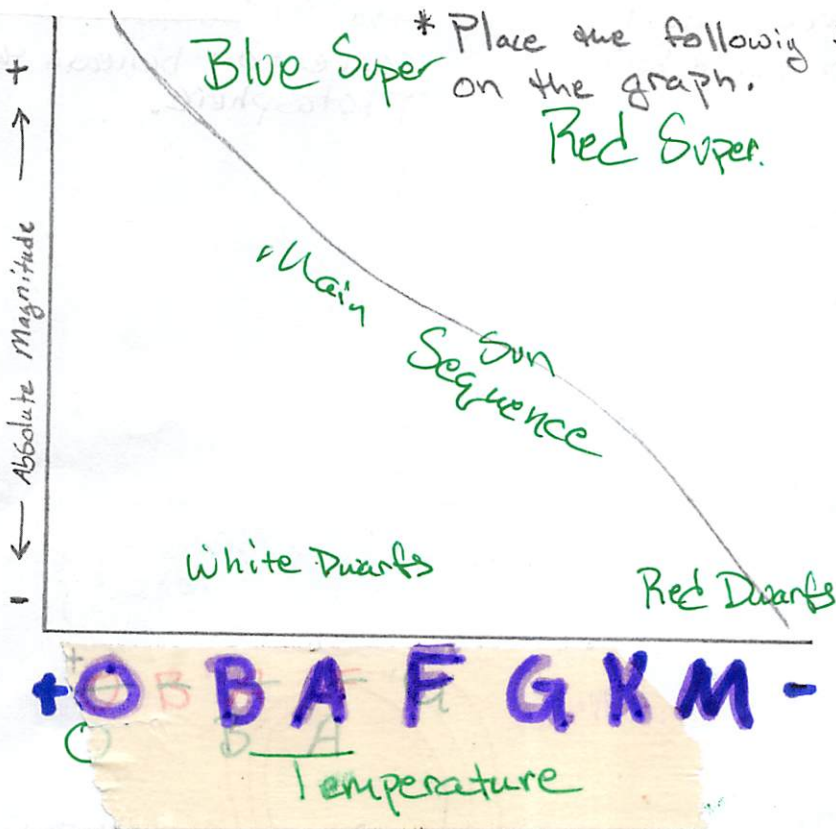


Nuclear RXN



Electrical repulsion is overcome, protons fuse! Speeds are huge.

Fig. 5



- Blue Supergiant
- Red Supergiant
- Main Sequence
- Temperature
- White Dwarfs
- Sun
- Red Dwarfs